VAIDEHI BEDEKAR

Plot no 234 Ulkanargi,Aurangabad,Maharashtra 431005

📞 9156950105   ✉ [Email](#)   in [Linkedin](#)   ⌨ [github](#)

Education

Vellore Institute of Technology, AP	Sep. 2020 – May 2024
Bachelor of Technology in Computer Science	*8.3 cgpa*

Coursework

- Data Structures
- Deep Learning
- Machine Learning
- Database Management
- Algorithm Analysis
- Cloud Computing
- Software Engineering
- NLP

Experience

Freelancing	Feb 2023 – July 2023
Data Scientist	*Remote*

- Developed an Indian Hand Sign Classification Web Application using Mediapipe and LSTM to help deaf and mute people achieving accuracy of 91% for words and letters.
- Designed a Depression Detection model on Social Media Tweets using BERT+LSTM and Glove+CNN model.

Projects

Medical Recommendation Application | *Python,Deep learning,NLP,Android Studio* — **Present**

- Developing a Medical Recommendation Application by harnessing medical data for diagnosis and prescriptions.
- Engineered a knowledge graph from pre-processed data,empowering it with graph embeddings.
- Employed an advanced Graph Neural Network with attention Mechanisms in active learning setup.
- Innovatively built a human-like medical recommendation chatbot using transformers.

PCOS Detection using MLOPS DVC Pipeline | *Python,Deep Learning, AWS* — **June 2023**

- Created an application using python and Deep Learning to detect Polycystic ovary syndrome using ultrasound Images using hybrid CNN model
- Used DVC MLops tool for pipeline tracking and implementation.Created Loggings,util and exception modules and CI/CD deployment on AWS.

Stock Sentiment analysis and Prediction Application | *Python,Streamlit* — **April 2023**

- Designed an Interactive web application that can predict stock moments and summarize stock sentiments and Deployed it Sreamlit application on Streamlit community server to automate and facilitate seamless visualization.
- Designed News and Sentiment Pipeline for stocks using Yahoo Finance API.Used Financial-summarization-peagasus model for text summarization of financial news articals and Stacked LSTM model for prediction of stocks and crypto data.

Technical Skills

Languages: Python, Java,HTML/CSS,SQL
Developer Tools: VS Code,Anaconda,Cuda,Intellij, AWS, Android Studio,Docker
Technologies/Frameworks:TensorFlow,PyTorch,Keras,ScikitLearn,Git,StreamLit,Docker, Linux,Machine Learning,Deep Learning,NLP,Pandas,Numpy, CUDA,Nodejs,Android,CI/CD

Position of Responsibility

President of Hostel Sports Committee at VIT-AP University	July 2022 – Dec 2022
President of Marathi Association at VIT-AP University	Jan 2023 - May 2023

Achievements

Research on Medical Recommendation System Accepted in EAI ICISML — **June 2023**
- ∗ Worked with Aditya Kadam and Prof Sagar Pande to create MEDx ,A novel Hybrid graph and GPT Based Medical Recommendation system which helps patients by suggesting the early diagnosis..

Secured 7th Rank among all Engineering Clinics Group Projects in VIT AP — **May 2023**
- ∗ Development of cost effective weapon and intruder detection drone that can detect weapons trained on YOLOv8